

Science 2005, Grade 8

Science Composite

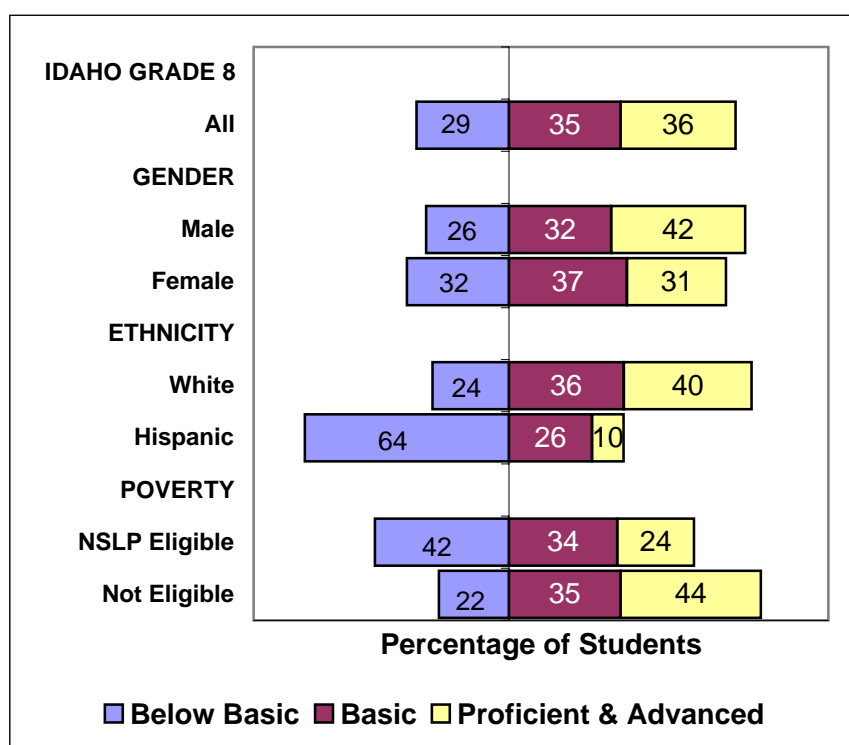


Idaho NAEP Snapshot

Volume 2005, Number 28

The science assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student knowledge and skills in the earth, physical and life sciences. The science scale for the eighth grade ranged from 0 to 300, where 143 was *Basic* (i.e., grade-level performance), 170 was *Proficient*, and 207 was *Advanced*.

Science Performance Levels by Demographic Group in Idaho



- ◆ On the NAEP 2005 science assessment, the percentage of eighth grade female students who scored at or above *Basic* (68 percent) was lower than their male peers (74 percent).
- ◆ On the NAEP 2005 science assessment, the percentage of eighth grade Hispanic students who scored at or above *Basic* (36 percent) was lower than their White peers (76 percent). Sample size was not sufficient to permit a reliable estimate of science performance for Black, Asian, and American Indian students.
- ◆ On the NAEP 2005 science assessment, the percentage of Idaho eighth grade students who qualified for free or reduced price meals in the National School Lunch Program scoring at or above *Basic* (58 percent) was lower than their peers who were not eligible for the program (78 percent).

Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.